New York City Taxi Fare Prediction Proposal

Overview:

This project aims to build a regression model that predicts taxi fares based on distance, time of day, and other relevant variables. The goal is to provide accurate fare estimates to enhance user experience and improve fare transparency.

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional Activity)
1	Write a project proposal Plan	Global-level project document	Uli King — Senior Project Manager
	Establish structure for project workflow (PACE)ot necessary fo... Plan	Initial project plan	Deshawn Washington — Data Analysis Manager
1a	Begin exploring the data Analyze	Data files ready for EDA	Deshawn Washington — Data Analysis Manager
2	Data exploration and cleaning Analyze	Cleaned and prepared datasets	Luana Rodriquez — Senior Data Analyst
2a	Compute descriptive statistics	EDA report	Deshawn Washington — Data Analysis Manager

	Analyze ▾		
3	**Compile summary information about the data** **Analyze** ▾	Comprehensive summary report	Luana Rodriquez — Senior Data Analyst
3a	**Conduct hypothesis testing** **Analyze** ▾	Analysis of testing results between two important variables	Udo Bankole — Director of Data Analysis
4	**Evaluate the model** ▾ **Analyze** ▾ and **Execute** ▾	Model evaluation report	Udo Bankole — Director of Data Analysis
5	**Build a machine learning model** and **Build a regression model** ▾ **Construct** ▾ and **Analyze** ▾	Final model Model performance metrics	Luana Rodriquez — Senior Data Analyst
5a	**Visualization building** ▾ **Construct** ▾	Tableau dashboard/visualizations	Uli King — Senior Project Manager
6	**Communicate final insights with stakeholders**	Final report to all stakeholders	Uli King — Senior Project Manager

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	Execute ▾		